



# Arizona Transportation Research Center

Newsletter — October 2004

## STATE PLANNING AND RESEARCH (SPR) PROJECTS

### NEW PROJECTS FOR FY2005 PROGRAM

Twelve projects were added to the ATRC research program for fiscal year 2005. The projects include:

Project No.	Research Projects
SPR-585	<i>Evaluation of Snowplow-Simulator Driver Training</i>
SPR-586	<i>Investigation of Earth Pressure on Concrete Cantilever Retaining Wall for Variable Quality Backfill</i>
SPR-587	<i>Evaluation of Salvage and Replanted Native Plants on ADOT Projects</i>
SPR-588	<i>A Study of the Effectiveness of Bighorn Sheep Underpasses on State Route 68</i>
SPR-589	<i>Determination of 404 Permit Requirements and Habitat Restoration Requirements</i>
SPR-590	<i>Performance Related Pay Factors for Asphalt Concrete</i>
SPR-591	<i>High Crash Risk Unsignalized Intersections</i>
SPR-592	<i>Building Tribal Traffic Safety Capacity</i>
SPR-593	<i>Development and Implementation of a Regional Safety Management Database</i>
SPR-594	<i>Flat-Tailed Horned Lizard Highway Crossing Study</i> <sup>(1)</sup>
SPR-595	<i>Real-Time Adaptive Ramp Metering: Simulation and Implementation</i> <sup>(2)</sup>
AZ-596	<i>Evaluation of Photo Radar for Freeway Enforcement</i> <sup>(3)</sup>

<sup>(1)</sup> Additional Federal funds provided supplemental to SPR program

<sup>(2)</sup> Funded with FY2004 funds

<sup>(3)</sup> Funds provided by the ADOT Traffic Group

## Research Program Updates

### PRODUCT RESOURCE INVESTMENT DEPLOYMENT AND EVALUATION (PRIDE) PROGRAM

The PRIDE program was established by the Arizona Department of Transportation (ADOT) to provide a framework for evaluating new products prior to use. Evaluations are performed by in-house staff as well as consultants. These evaluations may include document or product test report reviews and ADOT field tests. The current PRIDE policy, SUP-9.01 PRODUCT RESOURCE INVESTMENT DEPLOYMENT AND EVALUATION (PRIDE) PROGRAM, became effective on July 18, 2002. It provides for two Product Evaluation Committees (PECs), Materials (MatPEC) and Traffic Control (TCPEC). The PECs establish the operational policy for the new products evaluation and approval process under the PRIDE program. The PECs have the authority to approve or disapprove new products. Approved products are placed on the Approved Products List (APL). The committees have the authority to remove previously approved products from the APL that are later found to be unacceptable. Information about the PRIDE program, including a copy of the APL can be found on-line at: <http://www/ABOUT/atrc/Pride/pride.htm>.



Median cable barrier product

## ATRC UPDATE

At a meeting of the ADOT Research Council on October 18, 2004 agreement was reached on modifying the ATRC small budget research program. Previously, these projects were selected as a group during the spring. The new process will allow for consideration of small budget proposals (\$15,000 or less) at any time during the year. Each proposal will be evaluated by the Research Council, either through e-mails or during a regular Research Council meeting. Those approved will be funded under an annual program budget of \$100,000. The total program amount may be adjusted higher or lower, depending on the quality of proposals being put forward for evaluation.

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